Figure 1

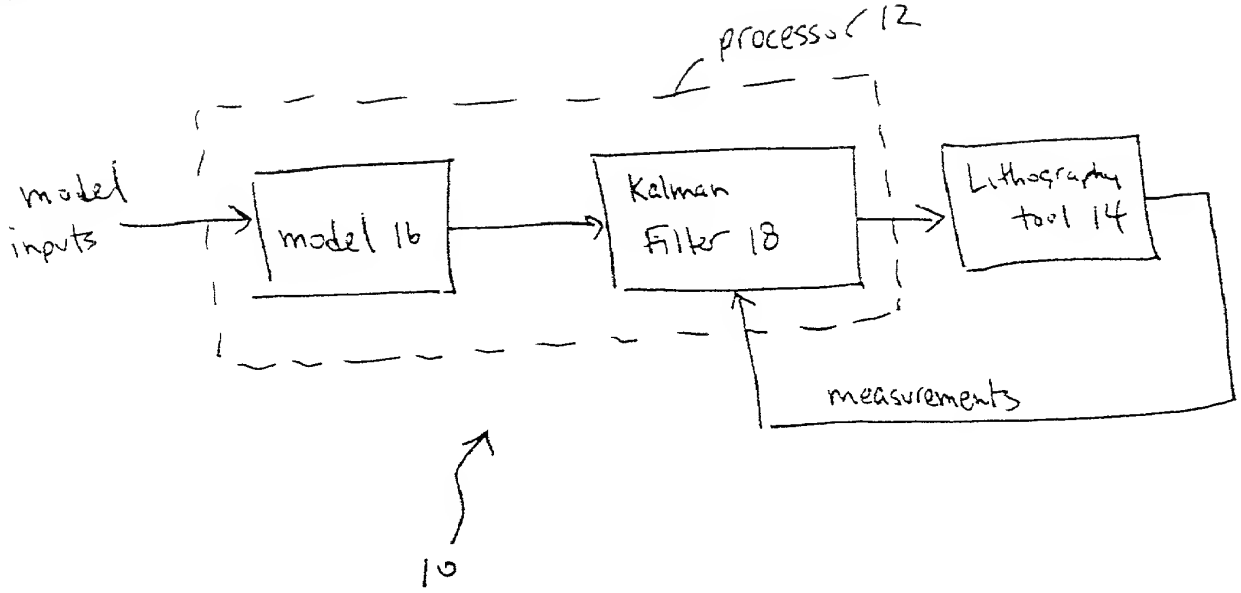

process 12
model inputs
model 16
Kalman Filter 18
Lithography tool 14
measurements
10

Figure 2

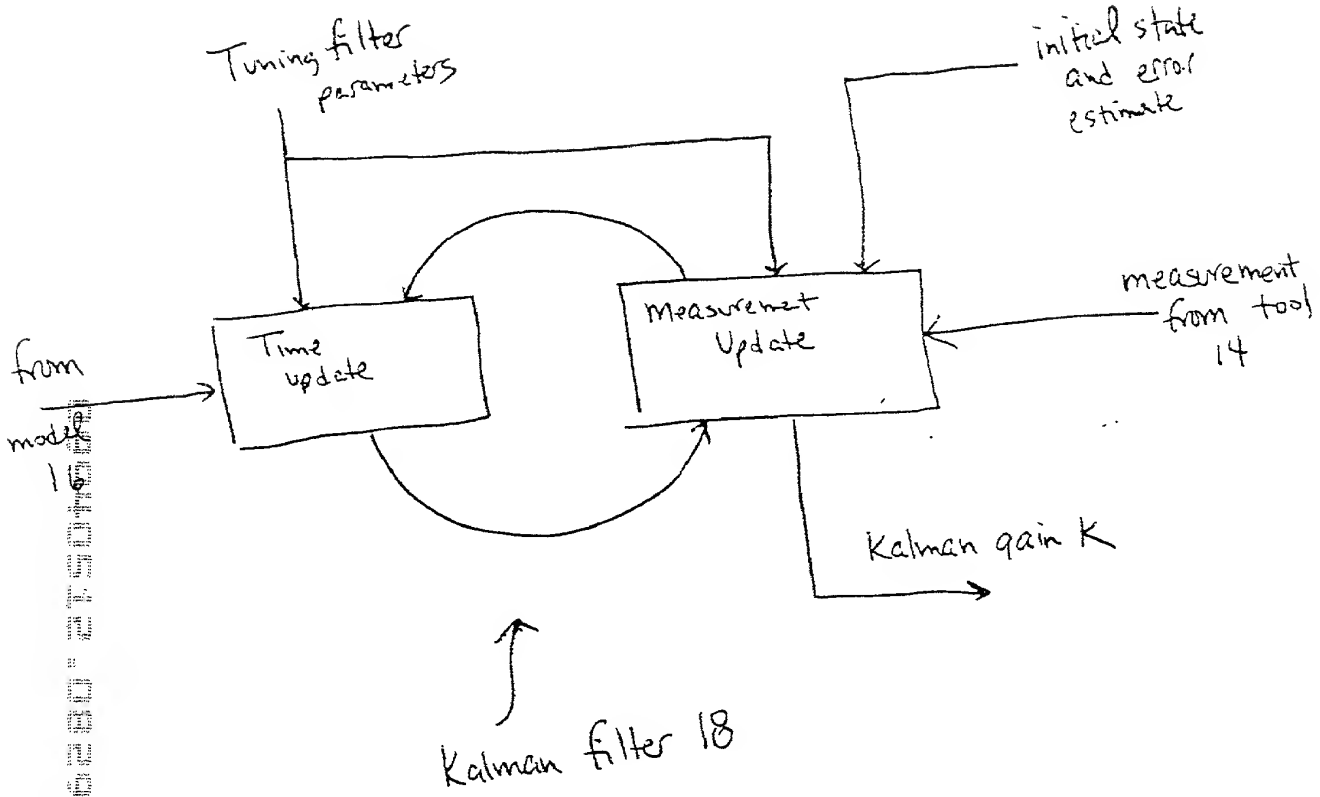

Tuning filter parameters
initial state and error estimate
Time update
Measurement Update
measurement from tool 14
from model 16
Kalman gain K
Kalman filter 18

Figure 3

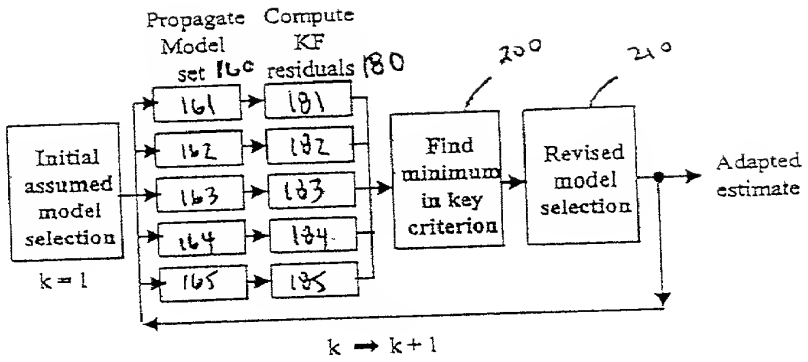

Propagate Model set 160
Compute KF residuals 180
200
210
Initial assumed model selection
k = 1
161
162
163
164
165
181
182
183
184
185
Find minimum in key criterion
Revised model selection
Adapted estimate
k → k+1

Figure 4

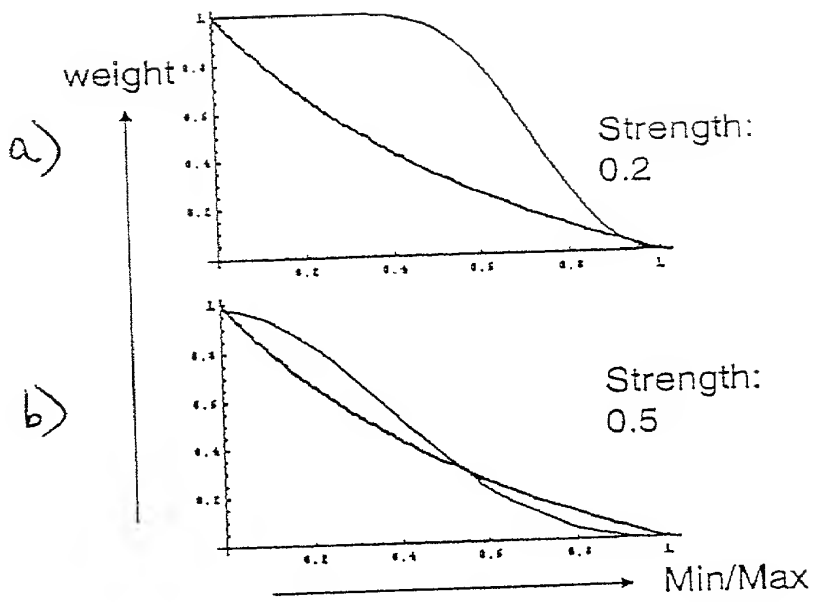
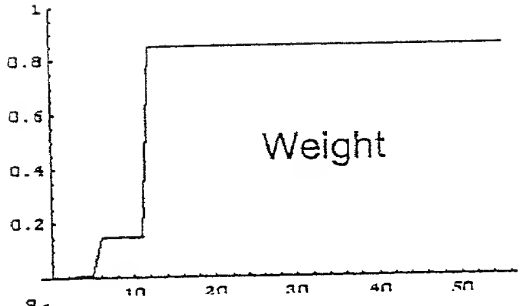
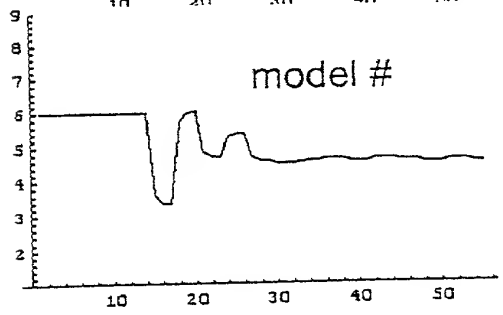


Figure 5

a)



b)